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1. (Amended) A switching system comprising:

computer-side connectors including plural computer-side user input device connectors and plural computer-side video connectors for simultaneously physically connecting to independent, dedicated cables of respective user-input device inputs and analog video outputs of plural computers;

· a first set of user-side connectors including a first user-side user-input device connector and a first user-side video connector for physically connecting to independent, dedicated cables of a first user-input device and an analog video input of a first monitor;

· a first analog video receiving circuit interposed between the computer-side connectors and the first set of user-side connectors for receiving analog video signals from one of the plural computers through at least one of the computer-side connectors, and

· a first analog video processing circuit, interposed between the computer-side connectors and the first set of user-side connectors, for selecting, for at least one sub-region of an image to be displayed on the first monitor, at least one of (1) a portion of the analog video signals received by the first analog video receiving circuit and (2) internally generated analog video signals, to form an output analog video signal that is output to the first monitor via the first user-side video connector.

Sub
B1/

Please add new Claims 2-44.

2. (New) The switching system as claimed in claim 1, wherein the first analog video receiving circuit further comprises a synchronization signal detecting circuit for detecting one of a horizontal- and a vertical-synchronization signal corresponding to the analog video signals from the at least one of the plural computers through the at least one of the computer-side connectors.

3. (New) The switching system as claimed in claim 1, wherein the first user-input device comprises a computer mouse.

4. (New) The switching system as claimed in claim 1, wherein the first user-input device comprises a keyboard.